8-10 OCTOBER 2018 • PANAMA CITY, PANAMA

Audio, **Anti-Money** Video & GPS Laundering Surveillance (AML) Where Law Enforcement, Mobile Artificial **Government Intelligence Agencies and** Intelligence & Intercept & Financial Crime Investigators turn for Investigations **Tracking Technical Training and Product Selection** TOR/ Social DarkNet Network Traceback Monitoring Lead Sponsors VERINT Exhibitors and Sponsors

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2018 - Agenda at a Glance

Track 1

LEAs and Ph.D Computer

Training Seminars by

Monday, 8 October 2018

Online Social Media and

This one day session provides an up-

to-date understanding of how social

act and interact. Attendees will learn

various sites and how to integrate that

information into criminal investigations

Tor, onion routers, Deepnet,

Tor, onion routers, Deepnet,

Criminal Investigators

and Darknet: A Deep Dive for

and Darknet: An Investigator's

networking sites work and how members

PANAMA CITY, PANAMA

Intelligence Support Systems for

Collecting Evidence from

Collecting Evidence from

Online Social Media: Building

a Cyber-OSINT Toolbox (Part 1)

Online Social Media: Building a

Practitioners Guide to Internet

Communications Data Expert, National

Cyber Crime Law Enforcement, UK

all the tools available to achieve this. It

is aimed primarily at the investigator,

detective, to empower them to have

This is exclusively Law Enforcement

the best methodology and tradecraft to

delivered from the perspective of

Cyber-OSINT Toolbox (Part 2)

Electronic Surveillance, Social Media/DarkNet Monitoring and

Cyber Crime Investigations

15:00-16:00

16:15-17:15

9:00-17:15

Police

Seminar #2

Investigations

8-10 OCTOBER 2018 • ISS World Latin America is the world's largest gathering of Central and South American Law Enforcement, Intelligence and Homeland Security Analysts as well as Telecom Operators responsible for Hi-Tech Electronic Investigations and Cyber

ISS World Programs present the meth-

odologies and tools for Law Enforce-

ment, Public Safety and Government

Intelligence Communities in the fight against drug trafficking, cyber money

laundering, human trafficking, terrorism and other criminal activities conducted

over today's telecommunications net-

Track 1 **Training Seminars by LEAs and Ph.D Computer** Scientists Track 2 Lawful Interception and Hi-**Tech Criminal Investigations**

Track 3

Track 4

Track 5

Track 7

Investigation Techniques

Dark Web Monitoring and

Cybercurrency Analytics

Mobile and Wi-Fi Signal

Social Media Monitoring,

Artificial Intelligence and

Intercept Track 6 Audio, Video and GPS

Surveillance

Financial Crime

and Products

Data Analytics

8-10 OCTOBER 2018 • PANAMA CITY, PANAMA 13:45-14:45 Awareness of Emerging Technologies, Masking Tech

and Tools, TOR and proxies

Tracing Suspects, and lateral

Advanced Techniques in

problem solving

Understanding ISS

Products Deployed in

Telecommunications Networks

for Lawful Interception and

wireline and wireless networks, over

the top Internet services and social

networks. This seminar is ideal for

law enforcement, interior security,

public safety and others who need to

understand the ISS technologies and

electronic communications and conduct

mass network surveillance as discussed at ISS World Conference sessions and by

products used to lawfully intercept

Related ISS Products for

Surveillance

14:45-15:45

9:00-10:00

11:30-12:30

14:00-15:00

pillars

Lawful Interception and Mass

Technologies and

Mass Surveillance

15:00-16:00

09:00-12:30

Internet Investigations Presented by: Charles Cohen, Cohen Training and Consulting, LLC Charles Cohen also holds the position of Captain, Indiana State Police, USA

09:00-17:15

Scientists

Seminar #1

and criminal intelligence analysis. 09:00-10:00 Proxies, VPNs, and Dark Web: **Identity Concealment and**

Location Obfuscation

10:15-11:15

11:30-12:30

Perspective

what information is available on

13:45-14:45 Cellular Handset Geolocation: Investigative Opportunities and Personal Security Risks To Review Complete Agenda or To Register, Go To WWW.ISSWORLDTRAINING.COM

> Related ISS Products for Lawful Interception and Mass Surveillance 11:30-12:30 Understanding Internet Infrastructure and Related ISS

Wireless Infrastructure, and

Understanding Mobile

The aim of this 1 day seminar is to take the attendees from the basics of understanding the Internet, how to find data, through to a full understanding of best practice of an Internet investigator, having awareness and knowledge of

profile and catch suspects.

Presented by: Mark Bentley,

only, as Practical examples, covert and investigative methodology and tradecraft will be given throughout the seminar. 09:00-10:00 The Internet, and how suspects leave a Digital

Footprint

10:15-11:15

Recognizing Traffic Data and digital profiling 11:30-12:30 WIFI, geolocation, and Mobile Data traces

Intelligence Support Systems for Electronic Surveillance, Social Media/DarkNet Monitoring and

Cyber Crime Investigations

location TOR hosting, What is ONION and

16:15-17:15

Defeating Network

Encryption: What Law

Enforcement and The

Needs to Understand

Intelligence Community

Presented by: Dr. Matthew Lucas (Ph.D.

Computer Science), Vice President,

16:15-17:15 Products for Mass Intelligence Open Source Tools, resources Gathering and Surveillance and techniques Seminar #4 Seminar #3

SSWorld Latin America

10:15-11:15

13:45-14:45

Cybercurrency 101:

Introduction to What

Blockchain Analysis

Technical Investigators

Need to Know about Bitcoin

and Altcoin Transactions,

Dark Web Commerce and

is used to support criminal activities

investigators need to understand the

basic Bitcoin transaction mechanism

(Blockchain) to successfully defeat 21st

century criminals and terrorist actions.

Presented by: Matthew Lucas, (Ph.D.

TOR networks are notoriously effective at hiding the online identity of criminals,

terrorists and others who are up to

no good. The other side that receives

Computer Science), VP, TeleStrategies

(e.g. Dark Web) and why technical

TeleStrategies 5 1 2 2 Presented by: Dr. Matthew Lucas (Ph.D. The starting point to defeating Computer Science). Vice President.

 Presented by: Dr. Jerry Lucas, President, TeleStrategies This half-day seminar covers how TeleStrategies 5 4 1 criminals and terrorists communicate This 101 training seminar is an over today's public telecommunications introduction to Bitcoin, how the system

exhibitors. **Investigation Techniques** for Unmasking TOR Hidden 9:00-10:00 Services and Other Dark Web Introduction to Wireline and IP Infrastructure and Operations

Track 2 Lawful Interception and Hi-**Tech Criminal Investigations** Monday, 8 October 2018 13:30-14:30 Cognitive Search Analytics: The Next Generation of Cross-Platform Intelligence Presented by WEBINTPRO

Speaker Identification:

Tuesday, 9 October 2018

investigator's best friend

Digital intelligence platform

Digital Toolbox: the

Presented by AREA

Presented by Cellebrite

Content Filtering - A

and computers

16:45-17:45

Presented by Phonexia

Revolution in Accuracy and

Speed of Voice Biometrics

15:00-16:00

Seminar #5

Wednesday, 10 October 2018 8:30-9:30 L.I. Targeting respecting

encryption is to separate techniques addressing stored encrypted data such as with the Apple iPhone issue. The other challenge is defeating encrypted data in transit (e.g. Telegram, Whatsapp, etc.) or Network Encryption. This webinar is about defeating the later. Tuesday, 9 October 2018 8:15-8:30 Welcoming Remarks

Top Ten Internet Challenges Facing Law Enforcement and

Tatiana Lucas, ISS World Program

Director, TeleStrategies

8:30-9:00

Wednesday, 10 October 2018 8:30-9:30 How to monitor Public Sentiment with a platform able to listen, analyze and react to propaganda

technical answer to data growth Presented by Utimaco 15:30-16:30

Seeing inside suspects' phone

Presented by Grey Heron Technologies

 Stephen Arnold, Managing Partner, Arnold.IT

Encrypted Messaging:

Techniques and Tools

for Exposing Bad Actors

Who Use Next-Generation

Communication Methods

 Presented by PAT Systems 14:00-15:00 Automatic Exploitation of Social Network, Deep and Dark Web to complement

Infrastructure.

Presented by IPS

15:30-16:30

9:00-10:00

Director, The TOR Project 14:00-15:00 Indexing the dark net - how do you catalog and search something that is not meant to be easily scrubbed? What's possible? Presented by Andrew Lewman, Vice

Case studies / examples in

anonymizing examples /

dark net investigations - de-

approaches / best practices /

President, DarkOWL

lessons learned.

15:30-16:30

DarkOWL and Former Exectuve

President, DarkOWL 15:30-16:30 A new paradigm for covert audio surveillance in large areas

Presented by Commesh

10:30-11:30

Wednesday, 10 October 2018

Command and Control Center

for covert field operations us-

ing Audio, Video and GPS feeds

Tuesday, 9 October 2018:

10:00 - 18:00

Wednesday, 10 October 2018:

9:30 - 12:30

Registration

Private Enterprise or TeleCom Operator

ISS World Conference (Tracks 1, 2, 4 & 7),

Tuesday, 9 October 2018 Dark Web - Investigate the Dark Web off-line

privacy Presented by AREA Track 3 Social Media Monitoring, Artificial Intelligence and **Data Analytics**

Monday, 8 October 2018

Advanced analytics and

audio sources and video

Tuesday, 9 October 2018

Lawful Interception in 2018.

like Facebook, WhatsApp

and Telegram. How Social

investigators in a holistic

Media Intelligence benefits

VoLTE and encrypted services

identification through

Against Crime

surveillance

9:00-10:00

vision.

Presented by everis

Presented by FinFisher

Cyber Solutions for The Fight

processing of social networks,

Al-based technology on open source data Presented by Voyager Labs 15:30-16:30 Cyber Intelligence in

the hidden structure using

Our Increasingly Privacy

& Security Conscious

Presented by Wintego

Environment

8:30-9:30

Receiving Presented by Elliptic 10:30-11:30 ELESSION A Advanced Bitcoin Concepts and an Introduction to Bitcoin Investigations Presented by Elliptic

Identifying a Bad Actor Using

the Dark Web, i2p, and Other

Methods of Hiding "True

Stephen Arnold, Managing Partner,

Case Studies and Emerging

Threats In the Criminal Use of

Luke Wilson, Vice President of Business

Track 5

Mobile and Wi-Fi Signal

Development-Investigations, Elliptic

10:30-11:30 Hassion :

12:00-13:00 MESSION A

Virtual Currencies

Identity"

Arnold.IT

Intercept

Monday, 8 October 2018 10:15-11:15 Surveillance Presented by FinFisher 11:30-12:30 collection and analytics -

know what's going on and

Presented by PAT Systems

Tuesday, 9 October 2018

Real-time, highly accurate

Presented by Creativity Software

Track 7

Financial Crime Investigation

Techniques and Products

Special "Best Practices for

Financial Crime Investigators"

Tuesday, 9 October 2018

mobile location tracking

9:00-10:00

9:00-17:45

Sessions

15:30-16:30

Move?

Registration Information Save \$300 by registering before 1 August 2018

where to use your resources

 Presented by Michael Loughnane, CAMS, CFE, Loughnane Associates, LLC and retired 27 year US Federal Law Enforcement Officer 9:00-10:00 Criminal Essentials: The Needs of a Criminal Network 11:30-12:30 Financial Crime Schemes in

Need to Know about Bitcoin and Altcoin Transactions, Dark Web Commerce and Blockchain Analysis Matthew Lucas (Ph.D., Computer) 15:00-16:00

13:45-14:45

16:15-17:15

Science), Vice President, TeleStrategies 11:30-12:30 Unleashing the power of WiFi an end-to-end approach to

WiFi Intelligence

14:00-15:00

15:30-16:30

Data)

Presented by WiSpear

Needs to Understand

Wednesday, 10 October 2018 8:30-9:30 Tactical Operations for Capture and Location of ID IMSI/IMEI of Mobile Phones in 4G LTE Presented by PAT Systems Track 6

16:45-17:45 Follow the Money Beyond the Banks Wednesday, 10 October 2018

Practitioners Guide to

Understanding Cyber

Vulnerabilities from The

Perspective Of The Hacker

Mark Bentley, Communications Data

Expert National Cyber Crime Law

Attacks on Banks - Exploring

Register as paid and you can invite a colleague to join you at ISS World Latin America with a full, free conference pass. If you have not identified your guest at this time, just enter "guest of" followed by your name and complete with your contact infor-

the Darknet. Reinventing traditional HUMINT in the Digital Era. Presented by AREA 14:00-17:45 Special Half Day DarkNet Seminar by Andrew Lewman, Vice President.

traditional Lawful Interception

Profile, target and investigate

 Presented by Andrew Lewman, Vice President, DarkOWL 16:45-17:45 Future directions - what's next in dark net infrastructure, dark markets and investigation implications

Presented by Andrew Lewman, Vice

 Presented by IPS ISS World Latin America **Exhibit Hours**

Money Laundering 14:00-15:00

How Does Money Actually

8-10 OCTOBER 2018 • PANAMA CITY, PANAMA Lead Sponsors AREA is the Italian leading technology Industry and provider of Unconventional Communication and IP Info-Intelligence solutions. AREA provides an "end to end"

> telecommunication surveillance. We design, develop and deploy highly scalable, secure and comprehensive systems aimed to assist all stages of investigative activities and to fuse data from heterogeneous sources thus to give a comprehensive view of the investigative scenario and suggest action plans. Our Offer: Target and massive network probing, Cyber Intelligence, Fusion Centre, Network monitoring, Verint is a leading global provider of security and intelligence data mining software.

Dual Use Info-Intelligence solution for HLS/HLD scenarios, satisfying the need of Government Agencies to securely and effectively gather precious information to

FinFisher solutions help government law enforcement and intelligence agencies to identify, locate and convict serious criminals. With innovative products, tailormade solutions and end-to-end services FinFisher closes the gap in traditional

investigative methods. Its portfolio allows governments to gain access to protected,

contrast menaces to Citizen security and prevent digital attacks.

portfolio empowers security organizations with crucial insights that enable them to take action against evolving threats. Exhibitors and Sponsors

creativity software

VERINT

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INTELLIGENCE MINDSET

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PAT Systems utimaco

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> offline information and relevant web-based communication channels. IPS is an Italian high-tech company with 30 years' experience in the design and delivery of "turnkey" solutions for Communication Monitoring and Analysis. IPS solutions are specifically designed for Homeland Security Departments and Intelligence Agencies that need to intercept, collect and deep analyze heterogeneous data such as phone calls, Internet traffic, data coming from electronic surveillance devices and third parts databases. The IPS monitoring platforms are used today in more than 20 countries in 4 continents: Europe, Latin America, Africa and Asia.

> > Covidence JENDVICE

IIIWispear

 Mark Bentley, Communications Data Expert National Cyber Crime Law Enforcement, UK Police

Free Colleague Registration:

8:30-9:30

less attention are TOR hidden services. These are services that leverage TOR's anonymizing capabilities to mask the identity of criminally-hosted online services - forming the basis of just about all illegal gambling sites, drug markets, child exploitation material, firearm sales, terrorism propaganda, and more. How TOR hides IP addresses/identity/ content analysis Seminar # 6

the Intelligence Community and Who at ISS World Latin America has Solutions Dr. Jerry Lucas, President, TeleStrategies 5 4 1

protection Presented by Verint 12:00-13:00 Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Track 4

Cybercurrency 101: Introduction

to What Technical Investigators

Dark Web Monitoring and

Cybercurrency Analytics

Monday, 8 October 2018

Science), Vice President, TeleStrategies Investigation Techniques for Unmasking TOR Hidden Services and Other Dark Web Operations Matthew Lucas (Ph.D., Computer) Science), Vice President, TeleStrategies

Defeating Network Encryption:

What Law Enforcement and

The Intelligence Community

Matthew Lucas (Ph.D., Computer)

behavior, identify connections and track suspicious locations in real-time Presented by Worldsensing

Tactical Monitoring of Satellite

Communications Inmarsat

I-Sat Phone Pro e Iridium.

Iridium SBD (Short Burst

Presented by PAT Systems

Voice, data and geolocation.

Fighting crime with smart

technology: Monitor people's

Audio, Video and GPS Surveillance Tuesday, 9 October 2018 9:00-10:00 Covert Miniature Surveillance. Presented by Covidence 11:30-12:30

NanoLive, The next generation

of covert camcorders

Electronic Lock and Alarm

Presented by Pro4Tech

Presented by Providence

System Defeat

14:00-15:00

Enforcement, UK Police 10:30-11:00 Practitioners Guide to **Defending Banks Against** Cyber Attacks - Identifying And Protecting Vulnerabilities To Frustrate The Thief, and Integrity Proof The Systems

RCS supports law enforcement, intelligence and network operators involved in legal

campaigns on Social Media. Presented by IPS 10:30-11:30 Intelligence layer for Borders

 Presented by IPS 11:30-12:30 Augmented Cyber Security -Verint Intelligence-Driven SOC Presented by Verint 14:00-15:00 Gang profiling -Deciphering

Bitcoin in Practice: Buying, Selling, Sending and

Wednesday, 10 October 2018

Strategic and Tactical Wi-Fi Tactical Wi-Fi intelligence

The Essentials of Trade Based Money Laundering

Analysis and correlation. We leverage our deep domain expertise to create solutions that prevent and neutralize terror, crime and cyber-attacks. Our broad Intelligence-Powered Security™